



// pageclass

```
package StepDefinaton;import java.time.Duration;
import java.util.Arrays;
import java.util.List;
```

```
import org.openqa.selenium.*;
import org.openqa.selenium.By.ById;
import org.openqa.selenium.interactions.Actions;
import
org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
```

```
import dev.failsafe.internal.util.Assert;
```

```
public class cucumber_pageclass {
    WebDriver driver;
    private Object keys;
```

```

public cucumber_pageclass(WebDriver driver)
{
    this.driver= driver;

}
public void login() throws InterruptedException
{

    driver.findElement(By.cssSelector(".gh-identity-
signed-out-unrecognized > a:nth-child(1)")).click();

    driver.findElement(By.id("userid")).sendKeys("sanjan
apenugonda3@gmail.com");
    driver.findElement(By.id("signin-continue-
btn")).click();
    Thread.sleep(1000);

    driver.findElement(By.id("pass")).sendKeys("Sanjana
@123");
    driver.findElement(By.id("sgnBt")).click();

    System.out.println("successfully login");
    Thread.sleep(3000);
}

public void multipleSearch() throws
InterruptedException

```

```

{

    String[] searches = {"Watch", " TV", " Shoes"};
    for (String search : searches) {
        //driver.findElement(By.id("gh-
ac")).sendKeys(search);
        WebElement
search1=driver.findElement(By.id("gh-ac"));
        search1.clear();
        search1.sendKeys(search);
        search1.sendKeys(Keys.ENTER);
        Thread.sleep(1000);
    }
}

```

```

    public void addToCartandDelete() throws
InterruptedException

```

```

{
    WebElement searchBox =
driver.findElement(By.id("gh-ac"));
    searchBox.clear();
    searchBox.sendKeys(Keys.ENTER);
    Thread.sleep(2000);

```

```

    driver.get("https://www.ebay.com/itm/3140740714
01?_skw=New+Sony+WH-
1000XM5%2FB+Wireless+Industry+Leading+Noise+Canc
eling+Bluetooth+Headphones&epid=22054478105&itm
meta=01K35YSBGJVARN9PJ9JCF2PJ4&hash=item492046

```

0169:g:M68AAeSw5D1opmZ2&itmprp=enc%3AAQAKAA  
ABEFkggFvd1GGDu0w3yXCmi1c3tSgm%2BT5%2BwjYvrwf  
zuGAG2atqwTVjjOR%2FxbBelhaUsuILYW%2BZ%2Fkcr25G  
Yqx9wuP4l2jti9daEN4wd9sl4Vw2TlzlFT0dqgxl02ldLi%2B  
DuMZ6W10g9lZxuK1B6jWuBr2W6jBCsftWrjtKEHd5550Ry  
%2B7HO1L26Oy8oa%2FROxb%2FqmeYY2B2zrO7vZuNIsn  
IXOXpjUu04tYJezgz%2FFYyPNlttPCoMwftUITvH74iyzlw3sX  
DQ%2FcVRcXUDYZCP13jDytUZv6MYJp53qqq6rg1N10s9Bj  
PyQEb%2BeOLOva2kjinvrKLITjJ0Q2UveloH7rTYjkGhwRrqlr  
leha2oJ51JrwtQ%7Ctkp%3ABk9SR7i45b6ZZg");

```
// Switch to product page tab
for (String handle :
driver.getWindowHandles()) {
    driver.switchTo().window(handle);
}

// 3. Click Add to Cart
WebElement addToCartBtn =
driver.findElement(By.xpath("//*[@id=\"atcBtn_btn_1\"]/
span/span"));
addToCartBtn.click();

Thread.sleep(3000);
}

public void removecart() {
    WebElement removecart =
driver.findElement(By.xpath("//*[@id=\"mainContent\"]/
div[1]/div[6]/ul/li[2]/div[1]/div/div[2]/div[3]/div/div/div[1]
/div[2]/div/div/div/div[1]/a/span/span"));
```

```
        removecart.click();
        WebElement remove =
driver.findElement(By.cssSelector("button[data-test-
id=\"cart-remove-item\"]"));
        remove.click();

    }
```

```
    public void changeAddressAndName() throws
InterruptedException {
```

```
        driver.findElement(By.linkText("My
eBay")).click();
        Thread.sleep(2000);
```

```
driver.findElement(By.linkText("Summary")).click();
        Thread.sleep(2000);
```

```
        // Go to Account Settings -personal information
```

```
driver.findElement(By.linkText("Account")).click();
        Thread.sleep(2000);
```

```
        driver.findElement(By.linkText("Personal
Information")).click();
        Thread.sleep(3000);
```

```
        // 4. Click edit on Name
```

```

driver.findElement(By.xpath("//a[contains(text(),'Edit')
and contains(@href,'name')]")).click();
    Thread.sleep(2000);

    // 5. Change name
    WebElement firstName =
driver.findElement(By.id("firstname"));
    firstName.clear();
    firstName.sendKeys("Sanju");

    WebElement lastName =
driver.findElement(By.id("lastname"));
    lastName.clear();
    lastName.sendKeys("Penugonda");

    driver.findElement(By.id("saveBtn")).click();
    Thread.sleep(3000);
}

```

```

public void shopByCategory() throws
InterruptedException
{

    driver.navigate().to("https://www.ebay.com/");
    Actions act = new Actions(driver);
    WebElement motors = driver.findElement
(By.xpath("//*[@id=\"vl-flyout-nav\"]/ul/li[4]/a"));
    motors.sendKeys("motors");
    Thread.sleep (2000);
}

```

```
        WebElement sports = driver.findElement  
(By.xpath("//*[@id=\"vl-flyout-nav\"]/ul/li[7]/a"));  
        sports.sendKeys("sports");  
        Thread.sleep (2000);
```

```
        WebElement fashion= driver.findElement  
(By.xpath("//*[@id=\"vl-flyout-nav\"]/ul/li[5]/a"));  
        fashion.sendKeys("fashion");
```

```
        Thread.sleep(4000);  
    }
```

```
    public void shopByallCat() throws  
InterruptedException  
    {
```

```
        driver.findElement(By.id("gh-cat")).click();  
        driver.findElement(By.id("gh-search-btn")).click();
```

```
        Thread.sleep(3000);  
    }
```

```
    public void LanguageChange() throws  
InterruptedException  
    {
```

```
        WebElement country =  
driver.findElement(By.cssSelector("button[class=\"gf-  
flag__button\"]));  
        country.sendKeys(Keys.ENTER);  
        Thread.sleep(2000);
```

```

        driver.findElement(By.linkText("Spain")).click();
    }

}

// Login

package StepDefination;

import java.time.Duration;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class ebay_loginpage {
    WebDriver driver;
    cucumber_pageclass login;

    @Given("login page navigate to default browser")
    public void
login_page_navigate_to_default_browser() {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.ebay.com/");
    }
}

```



```
driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(15));
    }
```

```
        @When("user enter the email and their password")
        public void
user_enter_the_email_and_their_password() throws
InterruptedException {
            login = new cucumber_pageclass(driver);
            login.login();
        }
```

```
        @Then("signin successfully")
        public void signin_successfully() {
            System.out.println("Login validated.");
            driver.quit();

        }
```

```
}
```

// Add to cart and remove from the cart

```
package StepDefinaton;
```

```
import java.time.Duration;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import io.cucumber.java.en.Given;
```

```
import io.cucumber.java.en.Then;
```

```
import io.cucumber.java.en.When;
```

```
public class Addtocart {
```

```
    WebDriver driver;
```

```
    cucumber_pageclass addtocart;
```

```
    @Given("addtocart and delete to cart should be  
open in default browser")
```

```
    public void
```

```
addtocart_and_delete_to_cart_should_be_open_in_def  
ault_browser() {
```

```
        driver = new ChromeDriver();
```

```
        driver.manage().window().maximize();
```

```
        driver.get("https://www.ebay.com/");
```

```
driver.manage().timeouts().implicitlyWait(Duration.ofSec  
onds(15));
```

```
}
```

```
    @When("user must be select product and add to  
the cart then delete that product")
```

```

        public void
user_must_be_select_product_and_add_to_the_cart_th
en_delete_that_product() throws InterruptedException {
            addtocart = new cucumber_pageclass(driver);
            addtocart.addToCartandDelete();
            addtocart.removecart();

        }

        @Then("successfully deleted")
        public void successfully_deleted() {
            System.out.println("Successfully product
removed");
            driver.quit();

        }

    }
}

```

```
// Change language
```

```
package StepDefinaton;
```

```
import java.time.Duration;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import io.cucumber.java.en.Given;
```

```

import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class languageChange {
    WebDriver driver;
    cucumber_pageclass changelanguage;
    @Given("for changing language scrool down the
screen")
    public void
for_changing_language_scrool_down_the_screen() {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.ebay.com/");

driver.manage().timeouts().implicitlyWait(Duration.ofSec
onds(15));

    }

    @When("change country to Spain")
    public void change_country_to_spain() throws
InterruptedException {
        changelanguage = new
cucumber_pageclass(driver);
        changelanguage.LanguageChange();

    }

    @Then("country change successfully")
    public void country_change_successfully() {

```

```
        System.out.println("successfully laguage  
changed");  
        driver.quit();  
  
    }  
  
}
```

```
// shop by category
```

```
package StepDefinaton;
```

```
import java.time.Duration;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.chrome.ChromeDriver;
```

```
import io.cucumber.java.en.Given;
```

```
import io.cucumber.java.en.Then;
```

```
import io.cucumber.java.en.When;
```

```
public class SopByCategory {
```

```
    WebDriver driver;
```

```
    cucumber_pageclass shopbycate;
```

```
    @Given("shop by category option available on  
home page")
```

```
    public void
```

```
shop_by_category_option_available_on_home_page() {
```

```
    driver = new ChromeDriver();
```

```
driver.manage().window().maximize();  
driver.get("https://www.ebay.com/");
```

```
driver.manage().timeouts().implicitlyWait(Duration.ofSec  
onds(15));
```

```
}
```

```
@When("user must be click on shop by category  
and select on category")  
public void  
user_must_be_click_on_shop_by_category_and_select_  
on_category() throws InterruptedException {  
    shopbycate = new cucumber_pageclass(driver);  
    shopbycate.shopByCategory();
```

```
}
```

```
@Then("it display all all sub categories")  
public void it_display_all_all_sub_categories() {  
    System.out.println("it showing all sub  
categories");
```

```
}
```

```
}
```

```
//shop by all category
```

```
package StepDefinaton;
```

```

import java.time.Duration;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

import io.cucumber.java.en.Given;
import io.cucumber.java.en.Then;
import io.cucumber.java.en.When;

public class Shopbyallcate {
    WebDriver driver;
    cucumber_pageclass shopbyallcate;
    @Given("shop by all category is available in home page")
    public void
    shop_by_all_category_is_available_in_home_page() {
        driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.ebay.com/");
        driver.manage().timeouts().implicitlyWait(Duration.ofSeconds(15));
    }

    @When("user should be click on shop by all category")
    public void
    user_should_be_click_on_shop_by_all_category()
    throws InterruptedException {
        shopbyallcate = new cucumber_pageclass(driver);
        shopbyallcate.shopByallCat();
    }
}

```

```
@Then("it display all categories")
public void it_display_all_categories() {
    System.out.println("showing all categories");

}

}
```

```
//Testrunner
```

```
package StepDefinaton;
```

```
import org.junit.runner.RunWith;
```

```
import io.cucumber.junit.Cucumber;
```

```
import io.cucumber.junit.CucumberOptions;
```

```
@RunWith(Cucumber.class)
```

```
@CucumberOptions(features="src/test/resources/features",
```

```
glue="StepDefinaton",
```

```
plugin= {"pretty", "html:target/htmlreport.html",
```

```
        "json:target/jsonreport",
```

```
        "junit:target/junitreport"})
```

```
public class TestRunner {
```

```
}
```